

INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.

MCT0001

SERIAL NO.

09/327,266

YOON

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06/07/1999

GROUP

1724

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U.S. PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PA	2,864,765	12/16/1958	STONEMAN ET AL	210/43		
	3,880,824	04/29/1975	RAO ET AL	260/112		
	4,039,466	08/02/1977	MATSUDA ET AL	252/194		
	4,156,649	05/29/1979	QUINN ET AL	210/51		
	4,191,655	03/04/1980	QUINN ET AL	252/60		
	4,206,063	06/03/1980	WANG ET AL	252/60		
	4,207,186	06/10/1980	WANG ET AL	210/54		
	4,210,531	07/01/1980	WANG ET AL	210/51		
	4,278,208	07/14/1981	FALCON-STEWARD	241/16		
	4,410,431	10/18/1983	ROE	210/728		
PA	4,447,344	05/08/1984	ROE	252/60		

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PA		Roe-Hoan Yoon and S.A. Ravishankar, "Long-Range Hydrophobic Forces between Mica Surfaces in Alkaline Dodecylammonium Chloride Solutions" 1996, Journal of Colloid and Interfaces Science, 179, pp. 403-411
PA		Laiqun Mao and Roe-Hoan Yoon, "Predicting flotation rates using a rate equation derived from first principles" 1997, International Journal of Mineral Processing, 51, pp. 171-181

EXAMINER

P.A. Heusker

DATE CONSIDERED

8/5/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.

MCT0041

SERIAL NO.

09/327,266

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RAA	4,561,953	12/31/1985	MURALIDHARA ET AL	204/182.3		
	4,770,766	09/13/1988	KELLER, JR. ET AL	209/5		
	4,866,856	09/19/1989	FEELEY	34/9		
	4,969,928	11/13/1990	WEN ET AL	44/568		
	5,011,612	04/30/1991	KEENEY	210/712		
	5,048,199	09/17/1991	COLE	34/9		
	5,161,694	11/10/1992	YOON ET AL	209/5		
	5,167,831	12/01/1992	DIMAS	210/728		
	5,215,669	06/01/1993	KOESTER ET AL	210/729		
	5,256,169	10/26/1993	ROE	44/626		
RAA	5,283,322	02/01/1994	MARTIN ET AL	530/374		

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

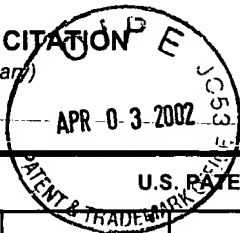
		Roe-Hoan Yoon and B. Suha Aksoy, "Hydrophobic Forces in Thin Water Films Stabilized by Dodecylammonium Chloride" 1999, Journal of Colloid and Interface Science, 211, pp. 1-10
		Roe-Hoan Yoon and Laiquin Mao, "Application of Extended DLVO Theory, IV Derivation of Flotation Rate Equation from First Principles" 1996, Journal of Colloid and Interface Science, 181, pp. 613-626

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INFORMATION DISCLOSURE CITATION
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ATTY DOCKET NO. MCT004		SERIAL NO. 09/327,266
YOON		
FILING 06/07/1999	GROUP 1724	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PAA	5,346,630	09/13/1994	KENNEY	210/770		
	5,379,902	01/10/1995	WEN ET AL	209/166		
	5,405,554	04/11/1995	NEFF ET AL	252/309		
	5,458,786	10/17/1995	YOON ET AL	210/711		
	5,587,786	12/24/1996	CHAMPAGNE ET AL	356/121		
	5,670,056	09/23/1997	YOON ET AL	210/728		
	5,700,904	12/23/1997	BAKER ET AL	530/305		
PAA	5,814,210	09/29/1998	YOON ET AL	209/164		

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

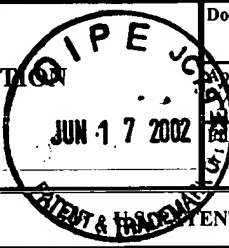
PAA		Roe-Hoan Yoon, Darrin H. Flinn and Yakov I. Rabinovich, "Hydrophobic Interactions between Dissimilar Surfaces" 1997, Journal of Colloid and Interface Science, 185, pp. 363-370

EXAMINER P.A. HEUSKOCI	DATE CONSIDERED 8/5/02
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Docket Number (Optional) MCT004	Application Number 09/327,266
Applicant(s) BOON	
Filing Date 06/07/1999	Group Art Unit 1724

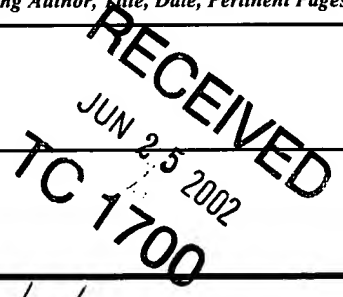
DOMESTIC PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>PAH</i>		1,064,723	06/17/1913	Greenway et al			
		1,102,873	07/07/1914	Chapman et al			
		1,208,171	12/12/1916	Lavers et al			
		2,120,217	06/07/1938	Harris	209/166	166	
		4,507,198	03/26/1985	Unger et al	209/166	166	
<i>PAH</i>		5,544,760	08/13/1996	Benn et al	209/166	166	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<i>PAH</i>		WO97/25149	07/17/1997	PCT	B03D	1/012	✓	
<i>PAH</i>		WO00/09268	02/24/2000	PCT	B03D	1/02	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)



EXAMINER <i>P.A. HEUSKOCI</i>	DATE CONSIDERED <i>8/5/02</i>
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